ELECTRICAL LIGHTING GENERAL NOTES:

1. MEP SPECIFICATIONS SHALL APPLY TO ALL WORK SHOWN ON THIS DRAWING UNLESS OTHERWISE NOTED.
2. REFER TO THE ARCHITECTURAL REFLECTED CEILING PLAN FOR THE EXACT LOCATION OF ALL LIGHTING FIXTURES.
3. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF ALL JUNCTION BOXES IN THE JUNCTION BOX GRID AND AVAILABILITY OF ALL CIRCUITS INDICATED TO BE USED.
4. CONTRACTOR SHALL FIELD VERIFY LOCATIONS OF ALL EXISTING EQUIPMENT PRIOR TO CONSTRUCTION. PROVIDE CIRCUIT TRACING AS REQUIRED TO DETERMINE CIRCUIT AVAILABILITY. PROVIDE A WRITTEN REPORT TO ENGINEER AND BUILDING MANAGEMENT SHOWING LIGHTING LOCATIONS AND CIRCUIT NUMBER USED.
5. ALL UNUSED WIRING IS TO BE REMOVED BACK TO SOURCE UNLESS NOTED OTHERWISE.
6. CONNECT NEW FIRE ALARM DEVICES TO THE BASE BUILDING FIRE ALARM SYSTEM AS REQUIRED. EXISTING DEVICES ARE INDICATED BY THE LETTER "E" ADJACENT TO THE DEVICE SYMBOL. THE BASE BUILDING FIRE ALARM SYSTEM SEQUENCES OF OPERATION SHALL COMPLY WITH THE CITY OF HOUSTON BUILDING CODE. ALARM INITIATION BY SMOKE DETECTOR, HEAT DETECTOR, PULL STATIONS, OR BY OTHER ALARM INITIATING DEVICES SHALL CAUSE AUDIBLE AND VISIBLE ALARM SIGNALS TO OCCUR ON THE FLOOR OF INCIDENCE, THE FLOOR ABOVE AND THE FLOOR BELOW. ELEVATORS SHALL RETURN TO THEIR DESIGNATED FLOORS AND ELECTRICALLY LOCKED EGRESS DOORS SHALL RELEASE, AND ALL OTHER EVENTS REQUIRED TO COMPLY WITH THE CITY OF HOUSTON BUILDING CODE SHALL OCCUR. PROVIDE ADDITIONAL ZONING AS NEEDED TO COMPLETE THE FIRE ALARM INSTALLATION AND TO MEET REQUIRED SEQUENCES OF OPERATION.
7. EGRESS AND EXIT LIGHT FIXTURES SHALL BE CONNECTED WITH 2#10,1/2"C. TO 90-MINUTE INVERTER
8. ALL FIRE ALARM DEVICES SHALL MATCH EXISTING.
9. CONTRACTOR SHALL REFER TO BUILDING MANAGEMENT'S "RULES AND REGULATIONS" TO COMPLY WITH BUILDING STANDARDS.
10. LIGHTING FIXTURES SHALL BE PROTECTED TO COMPLY WITH THE EXISTING BUILDING FLOOR/CEILING FIRE RATED ASSEMBLY.
11. FOR RETURN AIR PLENUMS, ALL MATERIALS LOCATED WITHIN A RETURN AIR PLENUM SHALL BE RATED AND APPROVED FOR INSTALLATION IN A RETURN AIR PLENUM.

ELECTRICAL POWER GENERAL NOTES:

1. MEP SPECIFICATIONS SHALL APPLY TO ALL WORK ON THIS DRAWING UNLESS OTHERWISE NOTED.
2. REFER TO ARCHITECT FOR EXACT HEIGHT AND LOCATION OF ALL FLOOR AND WALL OUTLETS.
3. ALL DATA/TELEPHONE OUTLETS SHALL BE PROVIDED WITH PULL STRINGS.
4. CONTRACTOR SHALL LOCATE ALL ELECTRICAL & TELEPHONE OUTLETS WITHIN THE LIMITS OF THE TENANT FURNITURE PLAN PROVIDED BY THE ARCHITECT. CONTRACTOR SHALL MARK INTENDED LOCATION OF ALL OUTLETS PRIOR TO INSTALLATION, THEN SHALL NOTIFY TENANT FOR APPROVAL BEFORE PROCEEDING.
5. CONTRACTOR SHALL PROVIDE NEW CIRCUIT DIRECTORY CARD AT PANELS. CIRCUITS SHALL BE LABELED TO CORRESPOND TO THE CIRCUITS SHOWN ON THE DRAWINGS. CONTRACTOR SHALL CONNECT CIRCUITS AS REQUIRED TO COMPLY WITH THIS DRAWING.
6. CONDUCTORS SHALL BE #12 AWG SOLID COPPER (THWN) IN 1/2" CONDUIT UNLESS OTHERWISE INDICATED.
7. ALL OUTLETS TO BE MOUNTED VERTICALLY UNLESS OTHERWISE INDICATED.
8. CONTRACTOR SHALL PROVIDE ONE PULL STRING FOR EACH VOICE OR DATA OUTLET SHOWN. WHEN VOICE AND DATA OUTLETS ARE SHOWN ADJACENT, CONTRACTOR SHALL PROVIDE ONE PULL STRING (WITH ONE WALL PENETRATION) FOR THE PAIR, UNLESS NOTED OTHERWISE. VOICE AND DATA LINES SHALL BE PULLED BY OTHERS.
9. CONTRACTOR SHALL REFER TO BUILDING MANAGEMENT'S "RULES AND REGULATIONS" TO COMPLY WITH BUILDING STANDARDS.
10. GANG TOGETHER, ALL NEW ELECTRICAL, TELEPHONE AND COMPUTER OUTLETS SHOWN ADJACENT TO EACH OTHER.
11. VERIFY FINAL LOCATIONS FOR ROUGH-INS WITH FIELD MEASUREMENTS AND WITH THE REQUIREMENTS OF THE ACTUAL EQUIPMENT TO BE CONNECTED.
12. COORDINATE THE INSTALLATION OF ELECTRICAL MATERIALS AND EQUIPMENT ABOVE CEILINGS WITH SUSPENSION SYSTEM, MECHANICAL EQUIPMENT AND SYSTEMS, AND STRUCTURAL COMPONENTS. COORDINATE ELECTRICAL EQUIPMENT AND MATERIALS INSTALLATION WITH OTHER BUILDING COMPONENTS.
13. VERIFY MECHANICAL EQUIPMENT SWITCH AND CONNECTION REQUIREMENTS, ITEM BY ITEM, WITH THE MECHANICAL CONTRACTOR, BEFORE WIRING EQUIPMENT. RESOLVE ALL DISCREPANCIES WITHOUT FURTHER COST TO OWNER.
14. FOR RETURN AIR PLENUMS, ALL MATERIALS LOCATED WITHIN A RETURN AIR PLENUM SHALL BE RATED AND APPROVED FOR INSTALLATION IN A RETURN AIR PLENUM.

LEGEND OF ELECTRICAL SYMBOLS

SYMBOL	DESCRIPTION
FCA – XXXXA. FCLT – XXXXA. MIN I.C. – XXXXA.	FAULT CURRENT CALCULATION RESULTS.
	CONDUIT RUN CONCEALED IN WALLS OR ABOVE CEILING. ARROW INDICATES HOMERUN TO PANEL. CONDUCTOR DESIGNATIONS ARE AS FOLLOWS: LONG HATCH INDICATES NEUTRAL, SHORT HATCH INDICATES PHASE, " " INDICATES INSULATED OR ISOLATED GROUND, " " INDICATES SWITCHLEG, AND NO HATCHES INDICATES TWO CONDUCTORS.
	PARTIAL HOME RUN. SAME AS ABOVE.
	CONDUIT RUN CONCEALED IN FLOOR SLAB, BELOW FLOOR SLAB OR BELOW GRADE. WIRING SAME AS ABOVE.
	DUPLEX RECEPTACLE OUTLET; 20 AMP, 125V., 3 WIRE, GROUNDED TYPE.
	QUADRUPLEX RECEPTACLE OUTLET GANGED WITH A COMMON WALL PLATE; (2)-20 AMP, 125V, 3 WIRE, GROUNDED TYPE.
GFCI	DUPLEX RECEPTACLE OUTLET WITH GROUND FAULT INTERRUPTER; 20 AMP, 125V., 3 WIRE GROUNDED TYPE.
	JUNCTION BOX MOUNTED ABOVE ACCESSIBLE CEILING.
	JUNCTION BOX
	DISCONNECT IN A NEMA 1 ENCLOSURE, UNLESS OTHERWISE SPECIFIED. REFER TO DRAWINGS FOR AMPERAGE, PHASES, & FUSE SIZE. (IF REQUIRED)
	MOTOR STARTER / DISCONNECT IN A NEMA 1 ENCLOSURE, UNLESS OTHER-WISE SPECIFIED. REFER TO DRAWINGS FOR AMPERAGE, PHASES, FUSE SIZE (IF REQUIRED), AND SIZE.
	TRANSFORMER – REFER TO DRAWINGS FOR VOLTAGE AND AMPERAGE.
	SURFACE PANELBOARD W/ NEC CLEARANCES; 120/208 VOLT.
	SURFACE PANELBOARD W/ NEC CLEARANCES; 277/480 VOLT.

NOTES:
1. ALL SYMBOLS MAY NOT BE USED ON THIS DRAWINGS.
2. REFER TO SPECIFICATIONS FOR MOUNTING HEIGHTS

WIRELESS LIGHT SWITCHING CONTROLS

SYMBOL	DESCRIPTION
a $	A SINGLE LEADER CORRESPONDS TO A SINGLE SWITCH FOR THAT LIGHTING CIRCUIT. THE SWITCH WILL HAVE A CORRESPONDING AND MATCHING DESIGNATION LETTER IF THERE ARE OTHER SWITCHES IN THE SAME ROOM.
a $ a $ a $	MULTIPLE LEADERS CORRESPOND TO MULTIPLE SWITCHES FOR THAT LIGHTING CIRCUIT. THE QUANTITY OF LEADERS CORRESPONDS TO THE QUANTITY OF SWITCHES THAT CONTROL THAT CIRCUIT. THE SWITCHES WILL HAVE A CORRESPONDING AND MATCHING DESIGNATION LETTER.

LIGHTING CONTROL SCHEDULE

MARK	CONTROL DESCRIPTION	CONTROL DEVICES	SEQUENCE OF OPERATION
2B	CEILING MOUNTED VACANCY SENSING	PJ2-2B-GXX-L01 (WIRELESS REMOTE SWITCH) LRF2-OCR2B-P (WIRELESS CEILING VACANCY SENSOR) RMJS-16R-DV-B (RELAY POWER PACK WITH WIRELESS RECEIVER)	LIGHT FIXTURES IN THIS ROOM ARE TO BE MANUAL-ON/ AUTO-OFF CONTROLLED BY THE RELAY POWER PACK WITH WIRELESS RECEIVER; RECEIVING INPUTS FROM THE WIRELESS CEILING MOUNTED VACANCY SENSOR & THE WIRELESS REMOTE SWITCH.
4B	CEILING MOUNTED VACANCY SENSING WITH DIMMING	PJ2-2BRL-GXX-L01 (WIRELESS REMOTE SWITCH WITH DIMMING) LRF2-OCR2B-P (WIRELESS CEILING VACANCY SENSOR) RMJS-8T-DV-B (0-10V DIMMING POWER PACK WITH WIRELESS RECEIVER)	LIGHT FIXTURES IN THIS ROOM ARE TO BE MANUAL-ON/ AUTO-OFF CONTROLLED BY THE DIMMING POWER PACK WITH WIRELESS RECEIVER; RECEIVING INPUTS FROM THE WIRELESS CEILING MOUNTED VACANCY SENSOR & THE WIRELESS DIMMING REMOTE SWITCH.

THIS CONTROL SCHEDULE IS INTENDED TO PROVIDE GENERAL LIGHTING CONTROL DEVICE QUALITY AND PERFORMANCE REQUIREMENTS ONLY. CONTRACTOR SHALL BE RESPONSIBLE TO OBTAIN THE EXACT MODEL/CATALOG NUMBER OF THE LIGHTING CONTROL DEVICES LISTED ABOVE. THIS LIGHTING CONTROL DESIGN IS BASED ON LUTRON LIGHTING CONTROL DEVICES, CONTRACTOR MUST SUBMIT ANY SUBSTITUTION OF AN APPROVED MANUFACTURER TO THE ENGINEER FOR REVIEW.

RECEPTACLE CONTROL SCHEDULE

MARK	CONTROL DESCRIPTION	CONTROL DEVICES	SEQUENCE OF OPERATION
1	VACANCY SENSING SPLIT-CIRCUIT CONTROLLED	16352-1PX (20A, 125V, SPLIT-CIRCUIT MARKED CONTROLLED DUPLEX RECEPTACLE) RMJS-20R-DV-B (RECEPTACLE CONTROL POWER PACK WITH WIRELESS RECEIVER)	TOP HALF OF ALL RECEPTACLES IN THIS ROOM ARE TO BE AUTO-ON/AUTO-OFF CONTROLLED BY THE RECEPTACLE CONTROL POWER PACK RECEIVING INPUTS FROM THE LIGHTING CONTROL SENSOR IN THE ROOM, REFER TO LIGHTING PLAN. BOTTOM HALF TO REMAIN UNSWITCHED.

THIS CONTROL SCHEDULE IS INTENDED TO PROVIDE GENERAL RECEPTACLE CONTROL DEVICE QUALITY AND PERFORMANCE REQUIREMENTS ONLY. CONTRACTOR SHALL BE RESPONSIBLE TO OBTAIN THE EXACT MODEL/CATALOG NUMBER OF THE RECEPTACLE CONTROL DEVICES LISTED ABOVE. THIS RECEPTACLE CONTROL DESIGN IS BASED ON LUTRON LIGHTING CONTROL DEVICES AND LEVITON RECEPTACLES, CONTRACTOR MUST SUBMIT ANY SUBSTITUTION OF AN APPROVED MANUFACTURER TO THE ENGINEER FOR REVIEW.

LIGHT FIXTURE SCHEDULE

LABEL	MANUFACTURER + SPECIFICATION	MOUNTING	LAMP (NO./TYPE)	VOLTS	REMARKS
A2	LITHONIA LIGHTING CPX-2X4-4000L-80-40K-SWL	RECESSED	LED – 36 WATTS	120	2X4 RECESSED FLAT PANEL
A2E	SAME AS ABOVE WITH 90 MINUTE BATTERY PACK	RECESSED	LED – 36 WATTS	120	CONNECTED TO 90-MINUTE BATTERY INVERTER.
B	LITHONIA LIGHTING VTL2R-40L-GZ-LP840	RECESSED	LED – 36 WATTS	120	2X2 RECESSED TROFFER
C	WEST ELM 11" SCULPTURAL GLOBE PENDANT	SUSPENDED	LED – 36 WATTS	120	CONNECTED TO 90-MINUTE BATTERY INVERTER.
CE	SAME AS ABOVE WITH 90 MINUTE BATTERY PACK	SUSPENDED	LED – 36 WATTS	120	PROVIDE WITH EXTERNAL 90-MINUTE BATTERY BACK
D	LITHONIA LIGHTING LDN4-40/25-L04-WR-LD-TRW-MVOLT-GZ10	RECESSED	LED – 26 WATTS	120	RECESSED LED ROUND DOWNLIGHT, WET LISTED.
DE	SAME AS ABOVE WITH 90 MINUTE BATTERY PACK	RECESSED	LED – 26 WATTS	120	CONNECTED TO 90-MINUTE BATTERY INVERTER.
X	COMPASS ELX-604-1/2	SURFACE	LED <5 WATTS	120	CONNECTED TO 90-MINUTE BATTERY INVERTER. MATCH DIRECTIONAL ARROWS ON PLANS
EM	T.B.D.	SURFACE	LED <5 WATTS	120	NORMALLY OFF EMERGENCY LIGHT WITH 90-MINUTE BATTERY PACK.

THIS FIXTURE SCHEDULE IS INTENDED TO PROVIDE GENERAL LIGHTING FIXTURE QUALITY AND PERFORMANCE REQUIREMENTS ONLY. CONTRACTOR SHALL BE RESPONSIBLE TO OBTAIN THE EXACT MODEL/CATALOG NUMBER OF THE LIGHTING FIXTURES LISTED ABOVE. ANY DIFFERENCES BETWEEN THIS LIGHTING FIXTURE SCHEDULE AND ARCHITECTURAL DRAWINGS OR MANUFACTURERS PRODUCT LISTINGS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE ENGINEER.

SCALE: N.T.S.

EBE CONSULTING ENGINEERS
Mechanical Electrical Plumbing
12603 Southwest Frwy, Ste 170, Stafford, Tx 77477
Tel: (713) 840-0177 / Firm Reg. No: 5638

PM	MECH	ELEC	PLBG	CHCK
JG	THV	JG	BM	JG

SLI DESIGN, INC.
ARCHITECTURE PLANNING INTERIOR DESIGN
15810 PARK TEN PLACE, SUITE 300
HOUSTON, TEXAS 77084
713-465-4650
www.sligroup.com

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BAGEL BEE

400 W. DAVIS, SUITE 110
CONROE, TX 77301

E/B/E Project Number : 26049.00

	DATE
ISSUED FOR CLIENT APPROVAL	
ISSUED FOR BIDDING	05/08/2026
ISSUED FOR PERMIT	05/08/2026
ISSUED FOR CONSTRUCTION	

REVISIONS

MARK	DESCRIPTION	DATE
	90% REVIEW SET	2026/04/07
	PERMIT AND BID SET	2026/05/08

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STATE OF TEXAS
JOSE M. GUERRERO
154536
LICENSED PROFESSIONAL ENGINEER
05/08/2026

DRAWING TITLE
ELECTRICAL INFORMATION SHEET

SHEET NO.
E0.01

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